SCHIZOPHRENIA RESEARCH

THE OFFICIAL JOURNAL OF THE SCHIZOPHRENIA INTERNATIONAL RESEARCH SOCIETY

Vol. 97, Nos. 1–3 **December 2007**

CONTENTS

Cited in: *Current Contents/Life Sciences, Current Contents/Clinical Medicine, EMBASE/Excerpta Medica, Psychological Abstracts, PsychINFO, PsychALERT, Index Medicus, SCOPUS*

Research papers

Predictors of the evolution towards schizophrenia or mood disorder in patients with schizophreniform disorder
C. Marchesi, M. Paini, L. Ruju, L. Rosi, G. Turrini and C. Maggini 1

Nicotine consumption and schizotypy in first-degree relatives of individuals with schizophrenia and non-psychiatric controls
M.L. Esterberg, E.M. Jones, M.T. Compton and E.F. Walker 6

Neuropsychological deficits in individuals with an at risk mental state for psychosis — Working memory as a potential trait marker
M.O. Pflueger, U. Gschwandtner, R.-D. Stieglitz and A. Riecher-Rössler 14

Visual form perception: A comparison of individuals at high risk for psychosis, recent onset schizophrenia and chronic schizophrenia
D. Kimhy, C. Corcoran, J.M. Harkavy-Friedman, B. Ritzler, D.C. Javitt and D. Malaspina 25

Orienting of attention in unmedicated patients with schizophrenia, prodromal subjects and healthy relatives
E. Gouzoulis-Mayfrank, M. Balke, S. Hajsamou, S. Ruhrmann, F. Schultze-Lutter, J. Daumann and K. Heekeren 35

Age-specific familial risks of psychotic disorders and schizophrenia: A nation-wide epidemiological study from Sweden
X. Li, J. Sundquist and K. Sundquist 43

Obstetric conditions and risk of first admission with schizophrenia: A Danish national register based study
M. Byrne, E. Agerbo, B. Bennedsen, W.W. Eaton and P.B. Mortensen 51

Frequency and predictive values of first rank symptoms at baseline among 362 young adult patients with first-episode schizophrenia: Results from the Danish OPUS study
A. Thorup, L. Petersen, P. Jeppesen and M. Nordentoft 60

Trends in psychiatric hospitalisation of people with schizophrenia: A register-based investigation over the last three decades
B. Lay, C. Nordt and W. Rössler 68

Early course of schizophrenia in a representative Dutch incidence cohort
J.-P. Selten, N.D. Veen, H.W. Hoek, W. Laan, D. Schols, I. van der Tweel, W. Feller and R.S. Kahn 79

Gender differences in 542 Chinese inpatients with schizophrenia
Y.-l. Tang, C.F. Gillespie, M.P. Epstein, P.-x. Mao, F. Jiang, Q. Chen, Z.-j. Cai and P.B. Mitchell 88

Sex differences in olfactory function in young patients with psychotic disorders
K.P. Good, R.A. Leslie, J. McGlone, H.I. Milliken and L.C. Kopala 97

Accuracy of self-reported premorbid functioning in schizophrenia
N. Brill, A. Reichenberg, J. Rabinowitz, E. Harary, G. Lubin, M. Davidson and M. Weiser 103

Acute effects of Δ^9-tetrahydrocannabinol and standardized cannabis extract on the auditory evoked mismatch negativity
G. Juckel, P. Roser, T. Nadulski, A.M. Stadelmann and J. Gallinat 109

Low time resolution in schizophrenia: Lengthened windows of simultaneity for visual, auditory and bimodal stimuli
J.R. Foucher, M. Lacambre, B.-T. Pham, A. Giersch and M.A. Elliott 118

The P50 auditory evoked potential in violent and non-violent patients with schizophrenia
A. Fresán, R. Apiquian, M. García-Anaya, C. de la Fuente-Sandoval, H. Nicolini and Ariel Graff-Guerrero 128

A meta-analysis of P50 studies in patients with schizophrenia and relatives: Differences in methodology between research groups
O.M. de Wilde, L.J. Bour, P.M. Dingemans, J.H.T.M. Koelman and D.H. Linszen 137

Reduced P50 suppression is associated with the cognitive disorganisation dimension of schizotypy
L.H. Evans, N.S. Gray and R.J. Snowden 152

Native EEG and treatment effects in neuroleptic-naïve schizophrenic patients: Time and frequency domain approaches
M. Kikuchi, T. Koenig, Y. Wada, M. Higashima, Y. Koshino, W. Strik and T. Dierks 163

Impaired multisensory processing in schizophrenia: Deficits in the visual enhancement of speech comprehension under noisy environmental conditions
L.A. Ross, D. Saint-Amour, V.M. Leavitt, S. Molholm, D.C. Javitt and J.J. Foxe 173

Blunted activation in right ventrolateral prefrontal cortex during motor response inhibition in schizophrenia
A. Kaladjian, R. Jeanningros, J.-M. Azorin, S. Grimault, J.-L. Anton and P. Mazzola-Pomietto 184

Functional disintegration in paranoid schizophrenia using resting-state fMRI
Y. Zhou, M. Liang, L. Tian, K. Wang, Y. Hao, H. Liu, Z. Liu and T. Jiang 194

Neuromagnetic evidence of broader auditory cortical tuning in schizophrenia
D.C. Rojas, E. Slason, P.D. Teale and M.L. Reite 206

Schizophrenia and the inferior parietal lobule
E.F. Torrey 215

(Contents continued on last page of this issue)

0920-9964(200712)97:1-3;1-9

(contents continued from outside backcover)

Volumetric abnormalities in connectivity-based subregions of the thalamus in patients with chronic schizophrenia
J.-J. Kim, D.-J. Kim, T.-G. Kim, J.-H. Seok, J.W. Chun, M.-K. Oh and H.-J. Park 226
Interfrontal commissural abnormality in schizophrenia: Tractography-assisted callosal parcellation
J. Miyata, K. Hirao, C. Namiki, H. Fukuyama, T. Okada, Y. Miki, T. Hayashi and T. Murai 236
Gray matter volume differences and the effects of smoking on gray matter in schizophrenia
J.R. Tregellas, S. Shatti, J.L. Tanabe, L.F. Martin, L. Gibson, K. Wylie and D.C. Rojas 242
Disturbed social behavior and motivation in rats selectively bred for deficient sensorimotor gating
M. Dieckmann, F. Freudenberg, S. Klein, M. Koch and K. Schwabe 250
Alterations of hippocampal and prefrontal GABAergic interneurons in an animal model of psychosis induced by NMDA receptor antagonism
I. Braun, J. Genius, H. Grunze, A. Bender, H.-J. Möller and D. Rujescu 254
Association between *PNPO* and schizophrenia in the Japanese population
H. Song, S.-i. Ueno, S. Numata, J.-i. Iga, S. Shibuya-Tayoshi, M. Nakataki, S. Tayoshi, K. Yamauchi, S. Sumitani, T. Tomotake, T. Tada, T. Tanahashi, M. Itakura and T. Ohmori 264
Association analysis of the glial cell line-derived neurotrophic factor (*GDNF*) gene in schizophrenia
H.J. Williams, N. Norton, T. Peirce, S. Dwyer, N.M. Williams, V. Moskvina, M.J. Owen and M.C. O'Donovan 271
Elevated GRIA1 mRNA expression in Layer II/III and V pyramidal cells of the DLPFC in schizophrenia
J.A. O'Connor and S.E. Hemby 277

Letters to the Editors

Does hyperpriming reveal impaired spreading of activation in schizophrenia?
L. Lecardeur, P. Brazo, S. Dollfus, B. Giffard, M. Laisney, F. Eustache, L. Lecardeur and E. Stip 289
Synapsin II knockout mice show sensorimotor gating and behavioural abnormalities similar to those in the phencyclidine-induced preclinical animal model of schizophrenia
B.A. Dyck, K.J. Skoblenick, J.M. Castellano, K. Ki, N. Thomas and R.K. Mishra 292
Memantine normalizes brain activity in the inferior frontal gyrus: A controlled pilot fMRI study
M.A. Cerullo, C.M. Adler, S.M. Strakowski, J.C. Eliassen, H.A. Nasrallah and A.T. Nasrallah 294
Lack of association between the BDNF C270T polymorphism and schizophrenia in a Chinese Han population
W. Li, J. Wei, D.F. Zhou, Y.L. Tan, Y.L. Cao, X.Y. Zhang, G. Wu, T.A. Kosten and T.R. Kosten 297
Brain-derived neurotrophic factor polymorphisms and smoking in schizophrenia
Z.R. Wang, D.F. Zhou, L.Y. Cao, Y.L. Tan, X.Y. Zhang, J. Li, L. Lu, G.Y. Wu, T.A. Kosten and T.R. Kosten 299
Support for an association of the C939T polymorphism in the human *DRD2* gene with tardive dyskinesia in schizophrenia
G.-H. Mo, I.-C. Lai, Y.-C. Wang, J.-Y. Chen, C.-Y. Lin, T.-T. Chen, M.-L. Chen, Y.-J. Liou, D.-L. Liao, Y.-M. Bai, C.-C. Lin and Y.-J. Liou 302